L Number	Hits	Search Text	DB	Time stamp
1	116	nobuhara	USPAT	2003/05/28
2	6	nobuhara same hideo	USPAT;	14:13 2003/05/28
3	733	(442/327,361,400,401).CCLS.	US-PGPUB USPAT	14:14 2003/05/28 14:15
4	2	filter and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and	USPAT; EPO; JPO;	2003/05/28 14:15
	7	((442/327,361,400,401).CCLS.) filter and cartridge and nonwoven and twill	DERWENT	2003/05/28
	7	filter and cartridge and nonwoven and twill	USPAT	14:13 2002/11/15
	6	filter and cartridge and nonwoven and twill and	USPAT	13:36 2002/11/15
		(cylinder or tub\$5)	ļ	13:37
-	9	filter and cartridge and nonwoven and twill and (cylinder or tub\$5)	USPAT; EPO; JPO; DERWENT	2003/05/27 13:10
-	122	filter and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5)	USPAT; EPO; JPO; DERWENT	2003/05/28 14:15
-	938	kabushiki and kaisha and takano	USPAT; EPO; JPO; DERWENT	2003/05/27 13:11
-	130	kabushiki and kaisha and takano and filter	USPAT; EPO; JPO;	2003/05/27 13:12
-	. 25	"5225014"	DERWENT USPAT; EPO; JPO; DERWENT	2003/05/27 13:12
-	13	"313920"	USPAT; EPO; JPO; DERWENT	2003/05/27 13:25
-	16	takano and wada and yoneji	USPAT; EPO; JPO; DERWENT	2003/05/27 13:25
•	28	filter.ab. and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5)	USPAT; EPO; JPO; DERWENT	2003/05/27 13:31
-	12	filter.ab. and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and (melt or melt\$5)	USPAT; EPO; JPO; DERWENT	2003/05/27 13:42
-	0	filter.ab. and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and (melt or melt\$5) and (bi-component multi-component bicomponent multicomponent (core near5 sheath))	USPAT; EPO; JPO; DERWENT	2003/05/28 09:49
-	14		USPAT; EPO; JPO; DERWENT	2003/05/27 13:44
-	16	"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/27 13:45

		(1)	LICDATE.	2002/05/27
-	16	filter and (nonwoven non-woven (non adj woven) web or webbing or mat or matting) and twill and (cylinder or tub\$5) and (melt or melt\$5) and (bi-component multi-component bicomponent	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/27 13:46
-	845	multicomponent (core near5 sheath)) filter and (nonwoven non-woven (non adj woven) web or webbing or mat or matting) and (cylinder or tub\$5) and (melt or melt\$5) and (bi-component multi-component bicomponent multicomponent	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/27 13:46
-	142	(core near5 sheath)) filter.ab. and (nonwoven non-woven (non adj woven) web or webbing or mat or matting) and (cylinder or tub\$5) and (melt or melt\$5) and	USPAT; US-PGPUB; EPO; JPO;	2003/05/27 13:48
-	55	(bi-component multi-component bicomponent multicomponent (core near5 sheath)) filter.ab. and (nonwoven non-woven (non adj woven) web or webbing or mat or matting) and (cylinder or tub\$5) and (melt or melt\$5) and	DERWENT  USPAT;  US-PGPUB;  EPO; JPO;	2003/05/27 14:27
		(bi-component multi-component bicomponent multicomponent (core near5 sheath)) and (wind\$5 or wound\$4)	DERWENT	0000 105 105
	10	"518614"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/27 14:28
-	4	"6090731"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/27 14:30
-	6	6090731.pn. 5721180.pn. 5652041.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/27 14:30
, - }	3	6090731.pn. 5721180.pn. 5652041.pn.	USPAT; US-PGPUB; EPO	2003/05/27 14:30
-	1	woven)) and twill and (cylinder or tub\$5) and (bi-component multi-component bicomponent	USPAT; EPO; JPO; DERWENT	2003/05/28 09:51
-	20	multicomponent (core near5 sheath)) filter and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and (bi-component multi-component bicomponent multicomponent (core near5 sheath))	USPAT; EPO; JPO; DERWENT	2003/05/28 11:00
-	22	filter and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and (bi-component multi-component bicomponent	USPAT; US-PGPUB; EPO; JPO;	2003/05/28 10:34
	3	multicomponent (core near5 sheath)) "4045810"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/05/28 10:19
-	25	"101957"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/05/28 10:19
-	0	"90150284"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/05/28 10:20
			DERWENT	<u> </u>

	000	cartridge and filter and nonwoven and porous and	USPAT;	2003/05/28
-	202		US-PGPUB;	10:34
,	ļ	cylinder	EPO; JPO;	10.04
	[		DERWENT	
	70	filter and (nonwoven non-woven (non adj woven))	USPAT;	2003/05/28
] -	78	filter and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and	US-PGPUB;	10:44
			EPO; JPO;	10.77
1		(bi-component multi-component bicomponent multicomponent (core near5 sheath) composite)	DERWENT	
	40	filter and (nonwoven non-woven (non adj woven))	USPAT;	2003/05/28
-	40	and twill and (cylinder or tub\$5) and perforat\$5	US-PGPUB;	10:49
- (		and twin and (cynnder or tubbo) and perioratipo	EPO; JPO;	10.15
1			DERWENT	
Ì	43	filter\$5 and (nonwoven\$3 non-woven\$3 (non adj	USPAT;	2003/05/28
_	45	woven\$3)) and twill and (cylinder or tub\$5) and	US-PGPUB;	10:55
		perforat\$5	EPO; JPO;	
1		. r	DERWENT	
_	1	"2521055".PN.	USPAT	2003/05/28
	_			10:54
_	1	"2689813".PN.	USPAT	2003/05/28
	_			10:54
-	1	"3061107".PN.	USPAT	2003/05/28
}	]		,	10:54
_	440	(210/497.1).CCLS.	USPAT	2003/05/28
-	{			10:56
-	0	("14 and (nonwoven non-woven (non adj woven))	USPAT	2003/05/28
1		and twill and (cylinder or tub\$5) and		11:01
1	1	(bi-component multi-component bicomponent		
ļ		multicomponent (core near5 sheath))").PN.		
-	0	((210/497.1).CCLS.) and (nonwoven non-woven	USPAT	2003/05/28
1	1	(non adj woven)) and twill and (cylinder or tub\$5)		11:01
}		and (bi-component multi-component bicomponent		
		multicomponent (core near5 sheath))		
-	2	((210/497.1).CCLS.) and (nonwoven non-woven	USPAT	2003/05/28
	}	(non adj woven)) and twill		11:03
-	1	"2201628".PN.	USPAT	2003/05/28
	1	#250 400 4# <del>P</del> 37	LIGDAE	11:02
-	1	"2604994".PN.	USPAT	2003/05/28
1		#0C07E04# DN	LICDAT	11:02
-	$\frac{1}{1}$	"2697524".PN.	USPAT	2003/05/28
		"0016662" DN	USPAT	11:02 2003/05/28
-	1	"2816663".PN.	OSIAI	11:02
1_	1	"2863561".PN.	USPAT	2003/05/28
		200001.114.		11:02
_	1	"3398834".PN.	USPAT	2003/05/28
	1			11:03
1_	1	"3537592".PN.	USPAT	2003/05/28
1	1	<del>-</del>		11:03
-	1	"4632755".PN.	USPAT	2003/05/28
				11:03
-	1	"4642182".PN.	USPAT	2003/05/28
1	Į			11:03
-	4	filter and (nonwoven non-woven (non adj woven))	EPO; JPO;	2003/05/28
	-	and twill and (cylinder or tub\$5)	DERWENT	11:11
-	4	filter\$5 and (nonwoven non-woven (non adj	EPO; JPO;	2003/05/28
	1	woven)) and twill and (cylinder or tub\$5)	DERWENT	11:11
\ -	4	filter\$5 and (nonwoven non-woven (non adj	EPO; JPO;	2003/05/28
1	}	woven) web webbing mat sheet\$5) and twill and	DERWENT	11:25
		(cylinder or tub\$5)		l i

	_			
-	250	filter\$5 and (nonwoven non-woven (non adj	USPAT;	2003/05/28
1		woven) web webbing mat sheet\$5) and twill and	EPO; JPO;	11:26
1	1	(cylinder or tub\$5)	DERWENT	
]	62	filter\$5 and (nonwoven non-woven (non adj	USPAT;	2003/05/28
1		woven) web webbing mat sheet\$5) and twill and	EPO; JPO;	11:26
1		(cylinder or tub\$5) and perforat\$5	DERWENT	